

**To: Jan Hurley, Paralegal TC3700, CPK1 5B26**

**Case Number: # 09/935,483**

**Searched by: Terry Solomon, Technical Information Specialist, EIC 3700**

**Litigation search on: US 5941237**

**Databases searched: Lexis (lexis.com); PlusPat and Inpadoc (Questel/Orbit)**

**Results:**

**Lexis- Patent Litigation- Reissue information**

Patent Cases- none

Patent Journals- none

**PlusPat and Inpadoc- see attached**

**If you have any questions regarding these results, contact John Sims (308-4836).**

1 of 1 DOCUMENT

5,941,237

GET 1st DRAWING SHEET OF 6

Aug. 24, 1999

Universal non-porous fiber reinforced combustion chamber  
fireplace

REISSUE: Reissue Application filed Aug. 23, 2001 (O.G. Nov. 20, 2001) Ex. Gp.:  
3743; Re. S.N. 09/935,483

Selected file: PLUSPAT

\*\* SS 8: Results 1

Search statement 9

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1/1 PLUSPAT - (C) QUESTEL-ORBIT

PN - US5941237 A 19990824 [US5941237]

TI - (A) Universal non-porous fiber reinforced combustion chamber fireplace

PA - (A) HEAT N GLO FIREPLACE PROD INC (US)

IN - (A) SHIMEK RONALD JOHN (US); SHIMEK DANIEL CURTIS (US)

AP - US58886696 19960119 [1996US-0588866]

PR - US58886696 19960119 [1996US-0588866]

IC - (A) F23M-005/00 F24C-003/00

EC - C04B-035/63B4

- C04B-035/80B

- F23M-005/00

- F24B-001/18K

PCL - ORIGINAL (O) : 126512000; CROSS-REFERENCE (X) : 126144000

DT - Corresponding document

CT - US2104254; US3100734; US3213917; US4433523; US5186161; FR2593269;  
FR2636410; DE3032601; DE3125833; NL7703284; GB2257783

STG - (A) United States patent

AB - The present invention includes a universal combustion chamber preferably shipped from a factory as a separate unit for field installation into a plurality of different fireplace units and includes a top panel and a floor panel connected to sidewall panel to form a complete ready to use gas tight structure. The combustion chamber is fabricated from flat and/or curved panels which are preferably molded from a thick paste slurry of mixed vitreous alumina silicate fibers combined with an aqueous solution of silica binder and fired to form non-porous gas tight panels which are interconnected to form a gas tight combustion chamber. The connecting joints are preferably reinforced by the addition of a high temperature adhesive added to the mating joints. The joints may be further reinforced and/or sealed by mechanical reinforcing at or in the joints. The joints may be eliminated by forming a one piece combustion chamber on forming molds that are designed to be separated from a formed but uncured combustion chamber.

1/1 LGST - (C) LEGSTAT

PN - US 5941237 [US5941237]

AP - US 588866/96 19960119 [1996US-0588866]

DT - US-P

ACT - 19960119 US/AE-A

APPLICATION DATA (PATENT)

{US 588866/96 19960119 [1996US-0588866]}

- 19990824 US/A

PATENT

- 20011120 US/RF

REISSUE APPLICATION FILED

20010823

UP - 2001-48

1/1 CRXX - (C) CLAIMS/RRX

PN - 5,941,237 A 19990824 [US5941237]

PA - Heat N Glo Fireplace Products Inc

ACT - 20000106 REASSIGNED

CHANGE OF NAME

Assignor: HEATILATOR INC. DATE SIGNED: 10/02/1996

Assignee: HEARTH TECHNOLOGIES INC. 414 EAST THIRD STREET MUSCATINE,  
IOWA 52761

Reel 010539/Frame 0717

Contact: JONES, DAY, REAVIS & POGUE RONALD A. SANDLER 77 WEST WACKER  
DRIVE CHICAGO, ILLINOIS 60601-1692

- 20000112 REASSIGNED  
ASSIGNMENT OF ASSIGNOR'S INTEREST

Assignor: SHIMEK, RONALD J. DATE SIGNED: 10/01/1996  
SHIMEK, DANIEL C. DATE SIGNED: 10/01/1996

Assignee: HEAT-N-GLO FIREPLACE PRODUCTS, INC. 6665 WEST HIGHWAY 13  
SAVAGE, MINNESOTA 55378

Reel 010539/Frame 0707

Contact: JONES, DAY, REAVIS & POGUE RONALD A. SANDLER 77 WEST WACKER  
DRIVE CHICAGO, IL 60601-1692

- 20000112 REASSIGNED  
MERGER

Assignor: HEAT-N-GLO FIREPLACE PRODUCTS, INC. DATE SIGNED: 10/02/1996

Assignee: HEATILATOR INC. 1915 WEST SAUNDERS STREET MT. PLEASANT, IOWA  
52641

Reel 010539/Frame 0832

Contact: JONES, DAY, REAVIS & POGUE RONALD A. SANDLER 77 WEST WACKER  
DRIVE CHICAGO, ILLINOIS 60601-1692

- 20010823 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20011120  
REISSUE REQUEST NUMBER: 09/935483  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3743

Reissue Patent Number:

1/1 PAST - (C) PAST  
AN - 200147-001732  
PN - 5941237 A [US5941237]  
OG - 2001-11-20  
ACT - REISSUE APPLICATION FILED

Selected file: INPADOC

1 Patent Groups  
\*\* SS 9: Results 7

Search statement 10

?prt fu nonstop legalall

1/7 INPADOC - (C) INPADOC  
PN - GB 2309771 B2 20000531 [GB2309771]  
TI - UNIVERSAL NON-POROUS FIBRE REINFORCED COMBUSTION CHAMBER  
IN - SHIMEK RONALD JOHN [US]; SHIMEK DANIEL CURTIS [US]  
PA - HEAT N GLO INC [US]  
AP - GB 9700828/97-A 19970116 [1997GB-0000828]  
PR - US 588866/96-A 19960119 [1996US-0588866]  
IC - F24C-003/02; F23M-005/00

1/1 LGST - (C) LEGSTAT  
PN - GB 2309771 [GB2309771]  
AP - GB 9700828/97 19970116 [1997GB-0000828]  
DT - GB-P  
ACT - 19970116 GB/AE-A  
APPLICATION DATA  
{GB 9700828/97 19970116 [1997GB-0000828]}  
- 19970806 GB/A1  
APPLICATION PUBLISHED  
- 20000531 GB/B2 [+]  
PATENT GRANTED  
UP - 2000-22

Search statement 10

?famstate nonstop

1/7 INPADOC - (C) INPADOC  
PN - AU 10062/97 A1 19970724 [AU9710062]  
TI - UNIVERSAL NON-POROUS FIBER REINFORCED COMBUSTION CHAMBER  
IN - SHIMEK RONALD JOHN; SHIMEK DANIEL CURTIS  
PA - HEAT N GLO  
AP - AU 10062/97-A 19970108 [1997AU-0010062]  
PR - US 588866/96-A 19960119 [1996US-0588866]  
IC - F24D-015/00; F24D-019/00

2/7 INPADOC - (C) INPADOC  
PN - CA 2195060 AA 19970720 [CA2195060]  
TI - UNIVERSAL NON-POROUS FIBER REINFORCED COMBUSTION CHAMBER  
LA - ENG  
IN - SHIMEK RONALD JOHN [US]; SHIMEK DANIEL CURTIS [US]  
PA - HEAT N GLO [US]  
AP - CA 2195060/97-A 19970114 [1997CA-2195060]  
PR - US 588866/96-A 19960119 [1996US-0588866]  
IC - F23C-003/00; F23M-013/00; C04B-035/76

3/7 INPADOC - (C) INPADOC  
PN - GB 2309771 B2 20000531 [GB2309771]  
TI - UNIVERSAL NON-POROUS FIBRE REINFORCED COMBUSTION CHAMBER

IN - SHIMEK RONALD JOHN [US]; SHIMEK DANIEL CURTIS [US]  
PA - HEAT N GLO INC [US]  
AP - GB 9700828/97-A 19970116 [1997GB-0000828]  
PR - US 588866/96-A 19960119 [1996US-0588866]  
IC - F24C-003/02; F23M-005/00

1/1 LEGALI - (C) LEGSTAT

PN - GB 2309771 [GB2309771]  
AP - GB 9700828/97 19970116 [1997GB-0000828]  
DT - GB-P  
ACTE- 19970116 GB/AE-A  
APPLICATION DATA  
{GB 9700828/97 19970116 [1997GB-0000828]}  
- 19970806 GB/A1  
APPLICATION PUBLISHED  
- 20000531 GB/B2 [+]  
PATENT GRANTED  
UP - 2000-22

4/7 INPADOC - (C) INPADOC

PN - GB 9700828 A0 19970305 [GB9700828]  
TI - UNIVERSAL NON-POROUS FIBRE-REINFORCED COMBUSTION CHAMBER  
PA - HEAT N GLO INC  
AP - GB 9700828/97-A 19970116 [1997GB-0000828]  
PR - US 588866/96-A 19960119 [1996US-0588866]

5/7 INPADOC - (C) INPADOC

PN - GB 2309771 A1 19970806 [GB2309771]  
TI - FIBER REINFORCED COMBUSTION CHAMBER  
IN - SHIMEK RONALD JOHN; SHIMEK DANIEL CURTIS  
PA - HEAT N GLO INC [US]  
AP - GB 9700828/97-A 19970116 [1997GB-0000828]  
PR - US 588866/96-A 19960119 [1996US-0588866]  
IC - F24C-003/02; F23M-005/00

1/1 LEGALI - (C) LEGSTAT

PN - GB 2309771 [GB2309771]  
AP - GB 9700828/97 19970116 [1997GB-0000828]  
DT - GB-P  
ACTE- 19970116 GB/AE-A  
APPLICATION DATA  
{GB 9700828/97 19970116 [1997GB-0000828]}  
- 19970806 GB/A1  
APPLICATION PUBLISHED  
- 20000531 GB/B2 [+]  
PATENT GRANTED  
UP - 2000-22

6/7 INPADOC - (C) INPADOC

PN - NZ 314081 A 19980826 [NZ-314081]  
TI - UNIVERSAL HIGH TEMPERATURE COMBUSTION CHAMBER WITH INTERCONNECTED  
IMPACT-RESISTANT PANELS FORMED FROM SILICATE FIBRES AND BINDER AND  
CONNECTED TOGETHER  
IN - SHIMEK DANIEL CURTIS; SHIMEK RONALD JOHN  
PA - HEAT N GLOW  
AP - NZ 314081/97-A 19970117 [1997NZ-0314081]  
PR - US 588866/96-A 19960119 [1996US-0588866]

IC - F24C-015/00; F24C-015/34; F23M-005/00

7/7 INPADOC - (C) INPADOC

PN - US 5941237 A 19990824 [US5941237]

TI - UNIVERSAL NON-POROUS FIBER REINFORCED COMBUSTION CHAMBER FIREPLACE

IN - SHIMEK RONALD JOHN [US]; SHIMEK DANIEL CURTIS [US]

PA - HEAT N GLO FIREPLACE PROD INC [US]

AP - US 588866/96-A 19960119 [1996US-0588866]

PR - US 588866/96-A 19960119 [1996US-0588866]

IC - F23M-005/00; F24C-003/00

1/1 LEGALI - (C) LEGSTAT

PN - US 5941237 [US5941237]

AP - US 588866/96 19960119 [1996US-0588866]

DT - US-P

ACTE- 19960119 US/AE-A

APPLICATION DATA (PATENT)

{US 588866/96 19960119 [1996US-0588866]}

- 19990824 US/A

PATENT

- 20011120 US/RF

REISSUE APPLICATION FILED

20010823

UP - 2001-48